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<input type="checkbox"/>	L12	l3 near12 (dorman\$ or sleep\$ or asleep\$ or activat\$)	2208
<input type="checkbox"/>	L11	6721269[pn]	1
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<input type="checkbox"/>	L3	(fail\$ or fault\$ or alternat\$ or secondary or backup or (back up) or spare or extra or additional or duplicate\$) near2 (link\$ or route or path or connect\$)	255504
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[On Path Selection for Traffic with Bandwidth Guarantees - Ma, Steenkiste \(1997\) \(Correct\) \(67 citations\)](#)
is the case in existing routing protocols such as **OSPF** and PNNI. As a result, we incorporate in our the max-min share rate. Routing protocols, such as **OSPF**, use a reliable flooding mechanism to periodically service by the IETF [22] and the available-bit-rate (**ABR**) with minimal cell rate (MCR) by ATM Forum [1] www.cs.cmu.edu/afs/cs/project/cmcl/archive/Darwin-papers/97icnp.ps

[Signal Stability based Adaptive Routing \(SSA\) for... - Dube, Rais, Wang.. \(1997\) \(Correct\) \(44 citations\)](#)
topology change [2]In link-state protocols, like **OSPF** [3]each node maintains the shortest-path tree to Data Networks. Prentice-Hall, 1992. 3] J. Moy. **OSPF** Version 2. 1994. RFC 1583, topology changes. The Associativity Based Routing (**ABR**) approach, [13]also uses broadcast queries to www.cs.umd.edu/projects/mcml/papers/pcm97.ps

[QoS Extension to BGP - Xiao, Lui, Wang, Nahrstedt \(2002\) \(Correct\) \(4 citations\)](#)
Protocol (IGP) is used inside an AS, such as **OSPF**. BGP is the de facto standard of inter-domain (we assume the IGP to be QoS-enabled, such as the **OSPF** with QoS extensions [11]If e is a TYPE-3 link, Routing (LCR) and the Available Bandwidth Routing (**ABR**)address QoS advertising and routing in BGP with happyeno.chonnam.ac.kr/Research/Routing/data/QosExtensionToBGP.pdf

[Optimal Configuration of OSPF Aggregates - Yuri Breitbart Minos \(2000\) \(Correct\) \(4 citations\)](#)
Optimal Configuration of **OSPF** Aggregates Yuri Breitbart Minos Garofalakis Amit 20, 2001 Abstract Open Shortest Path First (**OSPF**) is a popular protocol for routing within an To Two Or More Areas, Known As Area Border Routers (**abrs**)**Ospf Abrs** Are Typically Configured To Aggregate www.cs.cornell.edu/people/amitk/ospf.ps

[Active Organisations for Routing - Willmott, Faltings \(1999\) \(Correct\) \(1 citation\)](#)
by routing protocols such as RIP [RFC1058] and **OSPF** [RFC1131] which run in the background. IP routing might however be used profitably for making VBR and **ABR** services more controllable. tables in IP liawwww.epfl.ch/~willmott/Public/Publications/active_orgs_iwan99.ps

[A Framework for Routing and Congestion Control for Multicast ... - Sarkar, Tassiulas \(1998\) \(Correct\) \(1 citation\)](#)
multicast extensions for open shortest path first **OSPF**(**MOSPF**)17]The corebased tree(CBT)1] uses a 96 [17] J. Moy, Multicast routing extensions for **OSPF**, Comm, ACM vol 37, no. 8, pp 61-66, Aug 94. 18] And Other Services Like Lan Emulation In Atm **Ab** Services. Many Envisioned Applications In Atm **Ab** www.glue.umd.edu/~leandros/papers/ittrans.ps

[Multicast Communication in "ad hoc" Networks - Meggers, Filios \(1998\) \(Correct\) \(1 citation\)](#)
State Routing (DLSR)Open Shortest Path First (**OSPF**) and pure Flooding are other routing protocols, creates for each destination a different DODAG. **ABR** by Toh [10]Dynamic Link State Routing (DLSR) www-i4.informatik.rwth-aachen.de/RESEARCH/Papers/1998/vtc_16-3.ps.gz

[OSPF and IS-IS Evolution - Jukka Honkola Helsinki \(2004\) \(Correct\)](#)
OSPF and IS-IS Evolution Jukka Honkola Helsinki Abstract Open Shortest Path First (**OSPF**) and Intermediate System to Intermediate System to the backbone are called Area Border Routers (**ABR**) in **OSPF** and Level 2 (L2) intermediate systems in www.tml.hut.fi/Studies/T-110.551/2004/papers/Honkola.pdf

[Unknown - \(Correct\)](#)
m Current routing protocols (e.g.RIP and **OSPF**) find the shortest path (may be over-utilized) management m Voice Data Integration: CBR, VBR, **ABR**, UBR m Signaling m Quality of service routing: www.cse.ohio-state.edu/~jain/cis788-99/ftp/h_3trn.pdf

[Network Working Group W. Lai, Ed. Request for Comments: 3386... - Status Of This \(Correct\)](#)
Participates On Both Sides Of A Boundary (e.g.**Ospf Ab**) Note That This Is A Common Point Of

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[The Impact of BGP Dynamics on Intra-Domain Traffic - Sharad Agarwal Chen-Nee \(2004\) \(Correct\) \(11 citations\)](#)

(Intermediate System to Intermediate System) 1] or OSPF (Open Shortest Path First) 2] The IGP determines determine how to send the packet to the nearest **border router**. The **border router** inside AS X will determine balancing, link provisioning and implementing link fail-over strategies. For example, load balancing sahara.cs.berkeley.edu/papers/ACBD04.pdf

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[Centralized Multicast - Keshav And Paul \(1998\) \(Correct\) \(5 citations\)](#)

domain runs a linkstate routing protocol, such as OSPF #Mo94a# or IS-IS #P92# While this is currently Domain-1 Domain-3 Domain-2 BR.1 Gateway BR.3 **Border Router Border Router Tunnel Tunnel** Figure 2: Domain-3 Domain-2 BR.1 Gateway BR.3 **Border Router Border Router Tunnel Tunnel** Figure 2: Domains, Root www.cs.cornell.edu/skeshav/papers/cm.pdf

[An Efficient Signature Scheme for Route Aggregation - Chari, Rabin, Rivest \(2002\) \(Correct\) \(3 citations\)](#)

problem for hierarchical routing protocols such as OSPF where specially designated routers, have to straddle two or more areas are called **area{border routers}**. These routers are responsible for requirement stated is protection against Byzantine failures where an arbitrary set of routers could fail theory.lcs.mit.edu/~rivest/ChariRabinRivest-AnEfficientSignatureSchemeForRouteAggregation.ps

[Rheinisch-Westfälische Technische Hochschule Aachen - Lehrstuhl Ur Informatik \(2004\) \(Correct\) \(1 citation\)](#)

Protocol (RIP) or Open Shortest Path First (OSPF) Routing within an AS normally depends only on "next hop" for all traffic leaving AS 2 is the **border router** of AS 1. This situation is quite common in The AS reachability changes due to link failure and routers have to adapt to those changes. The www-i4.informatik.rwth-aachen.de/content/teaching/seminars/sub/2003_2004_ws_docs/ImprovingBGP.pdf

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ospf and (border router) and (fail or fault)

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IP multicast fault recovery in PIM over OSPF

X Wang, C Yu, H Schulzrinne, P Stirpe, W Wu - 2000 International Conference on Network Protocols, 2000 - ieeexplore.ieee.org

... The **ABR** is responsible for the propagation of inter ... failure occurs in a network, IGMP, **OSPF**, and PIM ... the protocol interactions under various **fail-over** scenarios ...
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On the Vulnerabilities and Protection of OSPF Routing Protocol

F Wang, SF Wu - IC3N'98: Proceedings of the International Conference on ... - ieeexplore.ieee.org

... One is simple **fail-stop** failure, such as link, interface ... **OSPF** is basically a two-level routing protocol: intra ... and inter-area routing, with **ABR** (area border ...
 Cited by 8 - [Web Search](#) - doi.ieeecs.org - doi.ieeecomputersociety.org - cs.ucsb.edu - [all 6 versions](#) »

ATM FORUM CONFORMANCE TESTING TO ENSURE YOUR P-" I

R Salier, G Nelson - ieeexplore.ieee.org

... the test cases required for execution The result for each test case (Pass, **Fail**, or Inconclusive ... Acronyms **ABR** ATS BSTS CBR DTL ETS IISP LGN MIB **OSPF** PGL PGLE ...
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Internet Routing and DNS Voodoo in the Enterprises

DB Larkins - LISA, 1999 - usenix.org

... of the route redistribution performed by the **ABR**, the Area ... Whereas **OSPF** and IGRP are interior gateway protocols ... tolerance (ie a single ISP can **fail** without a ...
[View as HTML](#) - [Web Search](#) - sunshinepoultry.com - dcslab.snu.ac.kr - james.bond.edu.au - [all 10 versions](#) »

Multi-layer survivability

J Meijen, E Varma, R Wu, Y Wang - white paper of Lucent Technologies, [http://www. lucent-](http://www.lucent-...) ..., 1999 - euronetrt.hu

... such as Open Shortest Path (**OSPF**), Routing Information ... any particular survivability mechanism might **fail** to protect against all possible **fault** causes. ...
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Catalyst 8500 MSR—Multiservice Switch Router

P Overview - at2.com

... **ABR** Congestion Control Supports EFCI and Relative Rate ... Fast convergence around failures with **OSPF** and EIGRP ... into existing Cisco networks; **fail-over** transparent ...
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Retrofitting security into Internet infrastructure protocols

S Murphy, O Gudmundsson, R Mundy, B Wellington, NA ... - Proc. of DISCEX'00, 1999 - doi.ieeecomputersociety.org

... The presence of areas in an **OSPF** autonomous system is attractive for scalable configuration. However, the fact that each **ABR** summarizes data when reporting to ...
 Cited by 6 - [Web Search](#) - ieeexplore.ieee.org - ieeexplore.ieee.org - doi.ieeecs.org

A Practical Approach to Network Performance Characterization

K Shuaib, A Brooks - Information Technology Journal, 2004 - ansinet.org

... To ensure resiliency, **fault** tolerance and backward compatibility that will ... 1:X (where X = 1 or N) Protection scheme **fail over** ... B QoS class UBR UBR UBR **ABR** UBR VBR ...